

AMENDMENTS TO THE CLAIMS

*This listing of claims will replace all prior versions, and listings, of
claims in the application:*

1. (Currently amended) A yarn end suction device of a loom, wherein a weft yarn (2a) carried by a beating motion is sucked and captured via a suction mouth (5) disposed near the outside of a weaving end, then the weft yarn (2a) is cut by a cutter (4) provided between the weaving end and the suction mouth (5), and thereafter, a weft yarn end portion (2b) is discharged to the exterior, said yarn end suction device (1) characterized in that

said suction mouth (5) has a suction port (7) that is formed so as to have a polygonal cross-sectional shape at its end portion, and one corner (8a) thereof is disposed so as to be directed toward the weaving end side.

2. (Currently amended) A yarn end suction device of a loom, wherein a weft yarn (2a) carried by a beating motion is sucked and captured via a suction mouth (5) disposed near the outside of a weaving end, then the weft yarn (2a) is cut by a cutter (4) provided between the weaving end and the suction mouth (5), and thereafter, a weft yarn end portion (2b) is discharged to the exterior, said yarn end suction device (1) characterized in that

said suction mouth (5) is formed, at a portion of the inner circumference of an end portion of a suction port (7), with a recessed portion (8b) that is recessed outward from the center of an opening, and said recessed portion (8b) is disposed so as to be directed toward the weaving end side.

3. (Currently amended) The yarn end suction device of a loom according to claim 1 or 2, wherein a guide (6) having a control surface (14) extending in a beating direction for regulating the weft yarn (2a) carried by the beating motion is disposed between the weaving end and the cutter (4), and said suction mouth (5) is disposed in a position where the weft yarn (2a) having passed through the control surface (14) by the beating is bent, and sucked and captured.

4. (Currently amended) The yarn end suction device of a loom according to claim 1 ~~or~~ 2, wherein said guide ~~(6)~~ is formed with a slit ~~(14)~~ that is opened in three directions including a front side confronting a reed ~~(3)~~, a warp side, and a side of the cutter ~~(4)~~ for cutting the weft yarn ~~(2a)~~ to thereby receive the beaten weft yarn ~~(2a)~~, and said control surface ~~(14)~~ is formed by said slit ~~(14)~~.

5. (New) The yarn end suction device of a loom according to claim 2, wherein a guide having a control surface extending in a beating direction for regulating the weft yarn carried by the beating motion is disposed between the weaving end and the cutter, and said suction mouth is disposed in a position where the weft yarn having passed through the control surface by the beating is bent, and sucked and captured.

6. (New) The yarn end suction device of a loom according to claim 2, wherein said guide is formed with a slit that is opened in three directions including a front side confronting a reed, a warp side, and a side of the cutter for cutting the weft yarn to thereby receive the beaten weft yarn, and said control surface is formed by said slit.